



DEPARTMENT OF THE ARMY
U.S. TOTAL ARMY PERSONNEL COMMAND
ALEXANDRIA, VA
22332-0406

REPLY TO
ATTENTION OF

TAPC-PLC-C (611-1a)

25 June 2002

MEMORANDUM FOR WORLDWIDE DISTRIBUTION

SUBJECT: Notification of Future Change to DA Pam 611-21, E-0304-6, Revision of Enlisted Military Occupational Specialty (MOS) 33W (Military Intelligence Systems Maintainer/Integrator) and Table 12-2 (Numerical listing of skills).

1. PURPOSE. Provide advance notification of approved changes to Military Occupational Classification and Structure for implementation.

2. COORDINATION. This change has been approved by the Office of the Army G1 (DAPE-PRP) for publication in the next update of DA Pam 611-21.

2. SUMMARY OF SIGNIFICANT CHANGES.

a. Revises MOS 33W specifications, physical requirements and standards of grade (SG) tables to retitle duty positions and capture grading changes and adds grading guidance for Echelon Above Corps (EAC) Theater Military Intelligence (MI) Companies, Teams, Theater Support Battalions (TSB) and Theater Intelligence Brigades (TIB) and Groups (TIG).

b. Revises Additional Skill Identifier (ASI) U2 (Hunter Unmanned Aerial Vehicle (UAV) Repair) specifications and retitles ASI to Unmanned Aerial Vehicle (UAV) Repair.

c. Retitles ASI 4T (Tactical Exploitation of National Capabilities (TENCAP) Integrator/Maintainer) to Tactical Exploitation Systems Integrator/Maintainer.

4. IMPLEMENTATION.

a. Training strategy. There will be no change to the current training strategy.

TAPC-PLC-C

Notification of Future Change to DA Pam 611-21, E-0304-6, Revision of Enlisted Military Occupational Specialty (MOS) 33W (Military Intelligence Systems Maintainer/Integrator) and Table 12-2 (Numerical listing of skills).

b. Army Recruiting Information Support System (ARISS). This revision will not require a change to be made to ARISS.

c. Position/personnel reclassification guidance (enclosures 2 and 3 respectively).

d. Changes to Tables of Organization and Equipment (TOE) will be included in the Consolidated TOE Update (CTU) 0304.

e. Position reclassification, to include revision of duty position titles, grades and identifiers, will be accomplished during the FY06 Command Plan to all Tables of Distribution and Allowances (TDA) and Modified Tables of Organization and Equipment (MTOE) documents in effect on and after 1 October 2005.

f. Personnel reclassification, to include any required revision to personnel records, publication of orders, and/or submission of SIDPERS transactions, will be accomplished by the affected soldiers Personnel Service Center as follows.

(1) Active Component. 1 June - 30 September 2005. Effective date of reclassification will be 30 September 2005.

(2) Reserve Component. 1 May - 31 August 2006. Effective date of reclassification will be 31 August 2006.

g. Supporting documents. To assist in application of this revision, an extract of Modified TOE (MTOE) positions from The Army Authorization Documentation System (TAADS) (enclosure 4) and an extract of TOE positions from the Requirements Documentation System (enclosure 5) containing positions identified as affected by this revision is provided. Specific units and positions identified in the enclosures may be invalid in future documents and all positions affected by the proposal may not be included in the enclosures.

TAPC-PLC-C

Notification of Future Change to DA Pam 611-21,
E-0304-6, Revision of Enlisted Military Occupational Specialty
(MOS) 33W (Military Intelligence Systems Maintainer/Integrator)
and Table 12-2 (Numerical listing of skills).

h. Milestones (AR 611-1, table 3-1). The following
milestones, required to update manpower and personnel systems,
will occur prior to publication in the next update to DA Pam
611-21.

(1) 31 October 2002 - Close MOCS window and consolidate
approved changes (ODCSPER/PERSCOM).

(2) 30 June 2002 - Update POSC-Edit File (PERSCOM).

(3) 31 December 2002 - Forward TOE POSC-Edit Tape to
USAFMSA for the 0304 CTU (PERSCOM).

(4) 31 March 2003 - Submit DA Pam 611-21 update to USAPA
(PERSCOM).

5. POINT OF CONTACT. The PERSCOM action officer is Mr. Robert
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FOR THE COMMANDER:

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L. M. RIVAS
Chief
Force Integration Division

**10-115. 33W—Military Intelligence (MI) Systems Maintainer/Integrator,
(MI SYS MNTR/INTGR) CMF 33**

a. *Major Duties.* Performs and supervises maintenance, integration, technical analysis and electronics monitoring ~~on~~^{of} antennas, computers and peripherals, networks, common data links, Intelligence, Surveillance, and Reconnaissance (ISR) systems, Internet Protocol (IP) Network Architecture, and complex computer-controlled MI and national cryptologic systems and missions to include all intelligence disciplines for collection, processing, and dissemination at all echelons. Conducts computer network operations, installs and reconfigures computer hardware and software, and authors web applications.

(1) MOSC 33W10. Maintains, integrates, and operates computers, Information Technology Media, fiber-optics, data storage devices, distributed processing networks (DPN), and associated peripherals, receivers, transmitters, modulators, demodulators, multiplexers, demultiplexers, communication and data links, sensors, power supplies, uninterrupted power supplies (UPS). Maintains and integrates radar and imagery, electronic satellite communications, collection, processing, dissemination, and direction finding (DF) equipment using specialized test measurement and diagnostic equipment (TMDE). Performs pre-mission operational checks on MI aerial platforms. Log maintenance/integration man hours in accordance with (IAW) The Army Maintenance Management System (TAMMS).

(2) MOSC 33W20. Performs duties shown in preceding skill level. Supervises and leads teams of MI system maintainers/integrators. Diagnoses and corrects malfunctions in MI systems. Performs quality control of maintenance documents. Performs critical alignment and calibration procedures on MI systems. Installs and configures a DPN. Supervises the operation and proper use of TMDE. Maintains maintenance facility technical library.

(3) MOSC 33W30. Performs duties shown in preceding skill levels. Supervises and leads sections or squads of MI systems maintainers/integrators. Diagnoses and corrects complex computer-controlled MI system. Administers, maintains and conducts Information Assurance on a DPN. Supervises calibration and shop safety programs. Analyzes recurring faults in MI systems and recommends modifications. Serves as the quality assurance/control inspector for MI systems maintenance. Prepares maintenance and integration annexes for unit ~~Standard Standing~~ Operating Procedures (SOP). Maintains ~~equipment repair and maintenance schedules for unit systems. Oversees repair parts stockage levels.~~ Performs as system integrators for various MI systems. Implement configuration management policies and procedures. Establishes inter-connectivity between MI dissemination systems.

(4) MOSC 33W40. Performs duties shown in preceding skill levels. Manages maintenance facilities and leads platoon. Manages calibration, quality assurance, and quality control programs for maintenance facilities. Integrates a DPN into the Intelligence Battlefield Operating System (IBOS) architecture. Coordinates with MI systems operations section for maintenance and repair of MI equipment. Provides input to unit systems status reports. Maintains applicable administrative and maintenance files and inspects ~~The Army Maintenance Management System (TAMMS)~~ and repair parts records. Recommends Prescribed Load List (PLL) changes. Manages supply operations for maintenance facilities. Coordinates with organizations/contractors for maintenance support/assistance. Assigns priorities of work for job requests. Ensures regulatory compliance with DoD and national level directives governing Information Assurance (IA) policies and procedures.

(5) MOSC 33W50. Performs duties shown in preceding skill levels. Manages and leads companies and major MI maintenance, training, and logistic activities. Responsible for all aspects of

maintenance/integration operations. Determines training, maintenance and repair priorities based on personnel, equipment and supply resources, and unit requirements. When assigned to staff positions, prepares technical studies, special reports, correspondence, and records pertaining to maintenance and integration operations. Advises senior leaders on policies and procedures.

b. Physical demands rating and qualifications for initial award of MOS. MI systems maintainer/integrators must possess the following qualifications:

- (1) A physical demands rating of medium.
- (2) A physical profile of 222221.
- (3) Normal color vision.
- (4) Qualifying Scores.
 - (a) A minimum score of 115 in aptitude area ST on Armed Services Vocational Aptitude Battery (ASVAB) tests administered prior to 2 January 2002.
 - (b) A minimum score of 113 in aptitude area ST on ASVAB tests administered on and after 2 January 2002.
- (5) The soldier must meet TOP SECRET (TS) security clearance and Sensitive Compartmented Information (SCI) access eligibility requirements. An interim TS clearance with SCI access meets this requirement.
- (6) A high school graduate or equivalent.
- (7) Successfully completed (and able to show proof of credit by official transcript) 1_year of high school algebra, (or GED equivalent) or 1_semester of college algebra.
- (8) Never been a member of the U.S. Peace Corps, except as specified in AR 614-200 (para 3-2).
- (9) No information in military personnel, Provost Marshal, intelligence, or medical records that would prevent the granting of security clearance under AR 380-67 (para 3.401.a).
- (10) No record of conviction by court-martial.
- (11) No record of conviction by a civil courts for any offense other than minor traffic violations.
- (12) Must be a U.S. citizen.
- (13) Soldier and spouse must not have immediate family members who reside in a country within whose boundaries physical or mental coercion is known to be common practice, either against-
 - (a) Persons accused of or acting in the interest of the U.S. or
 - (b) The relatives of such persons to whom they may reasonably be considered to be bound by ties of affection, kinship, or obligation. Immediate family for both soldier and spouse includes both blood and step-: parents, spouse, children, sisters, brothers, any sole living blood relative, or a person in loco parentis per AR 600-8-10.
- (14) Have neither commercial nor vested interest in a country within whose boundaries physical or mental coercion is known to be a common practice against persons acting in the interest of the U.S. This requirement applies to the soldier's spouse as well.
- (15) Meet career management and development criteria contained in AR 614-200 and DA Pam 351-4.
- (16) Formal training (completion of MOS 33W course conducted under the auspices of the USAIC&FH, Ft Huachuca, AZ) mandatory.
- (17) Be advised that due to the nature of training and assignments, temporary restrictions may be placed on foreign travel both during and after the term of service.
- (18) MOS closed for reclassification at MSG and SGM, except for those soldiers within CMF 33.

c. Additional skill identifiers.

- ~~(1) B3--Advanced Army Competitive Shooter.~~
- (21) P5--Master Fitness Trainer.

- (~~32~~) U2--~~Hunter~~ Unmanned Aerial Vehicle (UAV) Repair. (Use with grades E3 through E7 only.)
 - (~~43~~) 2B--Air Assault (personnel only).
 - (~~54~~) 2S--Battle Staff Operations (skill level 3 and above).
 - (~~65~~) 4A--Reclassification Training.
 - (~~76~~) 4T--Tactical Exploitation ~~of National Capabilities~~ System
 - (~~76~~) (~~TE~~NCAPS) Integrator/Maintainer. (Use with grades E3 through E7 only)
 - (~~87~~) 5W--Jumpmaster (personnel only).
 - (~~98~~) 6T--Military Auditor (Reserve Component personnel only).
 - (~~109~~) 8P--Competitive Parachutist (Skill level 2-4 personnel only).
- d. *Physical requirements and standards of grade.* Physical requirements and SG relating to each skill level are listed in the following tables:
- (1) Table 10-33W-1. Physical requirements.
 - (2) Table 10-33W-2. Standards of grade TOE/MTOE.
 - (3) Table 10-33W-3. Standards of grade TDA.

Table 10-33W-1

Physical requirements for MOS 33W

Skill level	Task numbers	Tasks
		TO BE DETERMINED
<u>1</u>	<u>1,2,3,4,5,6,7,8,9</u>	<u>1. Occasionally lifts and lowers 90 pounds a distance of 3 feet (as part of a 2 soldier team prorated 45 per soldier).</u> <u>2. Occasionally lifts 90 pounds and carries a distance of 50 feet (as part of a 2 soldier team prorated 45 per soldier).</u> <u>3. Occasionally pushes and pulls 100 pounds a distance of 100 feet as part of a 2 soldier team (prorated 50 pounds per soldier)</u> <u>4. Frequently kneels, stoops, crouches 30 to 90 minutes.</u> <u>5. Frequently sits or stands 1 to 5 hours.</u> <u>6. Must possess auditory acuity.</u> <u>7. Must possess normal color vision and good near vision.</u> <u>8. Must possess finger dexterity in both hands.</u> <u>9. Must possess hand/eye coordination.</u>
<u>2</u>	<u>1,2,3,4,5,6,7,8,9</u>	
<u>3</u>	<u>1,2,3,4,5,6,7,8,9</u>	
<u>4</u>	<u>5,6,7,8,9</u>	
<u>5</u>	<u>5,6,7,8,9</u>	

Table 10-33W-2

Standards of grade TOE/MTOE for MOS 33W

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
1	MI SYS MNTR/INTGR TENCAP-TES INTGR/MNTR HUNTER-UAV RPR	33W10 33W104T 33W10U2	PFC		1	1	1	1	1	2	2	3	3	1. Grades of additional positions will be in same pattern and applied to the aggregate within the same section, paragraph to include ASI's. 2. ASI's will not be graded separately. 3. Grading pattern will be used for all positions not specifically identified by any other line. 4. Hunter Unmanned aerial vehicle (UAV) repairer positions will be coded with ASI U2. 5. TENCAP-TES INTGR/MNTR for <u>TENCAP family of systems</u> repairer positions will be coded with ASI 4T.
2	MI SYS MNTR/INTGR TENCAP-TES INTGR/MNTR HUNTER-UAV RPR	33W10 33W104T 33W10U2	SPC	1	1	1	2	3	3	3	3	3	4	
3	MI SYS MNTR/INTGR TENCAP-TES INTGR/MNTR HUNTER-UAV RPR	33W20 33W204T 33W20U2	SGT			1	1	1	1	1	2	2	2	
4	MI SYS MNTR/INTGR SGT TENCAP-TES INTGR/MNTR HUNTER-UAV RPR	33W30 33W304T 33W30U2	SSG						1	1	1	1	1	
5	VEHICLE DRIVER	33W10	PFC											Subsequent driver positions also graded PFC.

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
<u>65</u>	MI SYS MNTR/INTGR SGT TECH INTEL ANALYST <u>TES INTGR/MNTR</u> <u>UAV RPR SGT</u>	33W3O 33W3P <u>33W3O4T</u> <u>33W3OU2</u>	SSG											1. <u>Numbers in (#) indicate total of multiple positions in organizations less those graded by lines 1 through 4.</u> 2. Technical Intelligence (TI) Collection Tm. 23. TI C-E Analyst Tm. 34. National Ground Intel Center (NGIC) (3). 45. MI Co, TI, DS. 56. MI Det, TI. 67. HHOC, MI Bn, AASLT, Abn (use with SQI P), LID, FXXI and Hvy Div. 78. Analysis and Control Co (use with SQI P).
<u>76</u>	SR MI SYS MNTR/INTGR SR TECH INTEL ANALYST <u>SR TES INTGR/MNTR</u> <u>SR UAV RPR</u>	33W4O 33W4P <u>33W4O4T</u> <u>33W4OU2</u>	SFC											1. <u>Numbers in (#) indicate total of multiple positions in organizations less those graded by lines 1 through 4.</u> TI C-E Analyst Tm. 23. National Ground Intel Center (NGIC). 34. MI Co, TI, DS. 45. EW Maint Sec, TM, GRCS. 56. HHOC, MI Bn, AASLT, Abn (use with SQI P), LID, FXXI and Hvy Div. 67. Collection & Processing Co (use with SQI P). 78. Air Recon Co. 89. Avn Co, EW, MIB. 910. MI Co, SIGINT, EAC, ETW. 1011. EW Co, AHFEWS, EAC. 1112. STRAT Imagery Analysis Co. 1213. COMSEC/IEW Equip Rpr Plt. 1314. HHC Corps Spt Cmd (Fwd) (2). 1415. MI Maint Team (SIGINT

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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Table 10-33W-3

Standards of grade TDA for MOS 33W

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes	
				1	2	3	4	5	6	7	8	9	10		
1	MI SYS MNTR/INTGR TENCAP-TES INTGR/MNTR HUNTER-UAV RPR	33W1O 33W1O4T 33W1OU2	PFC		1	1	1	1	1	2	2	3	3	1. Grades of additional positions will be in same pattern and applied to the total aggregate within the same section, paragraph to include ASI's. 2. ASI's will not be graded separately. 3. Grading pattern will be used for all positions not specifically identified by any other line. 4. <u>TES INTGR/MNTR repairer for TENCAP family of systems repairer</u> positions will be coded with ASI 4T. 5. System Design NCO positions will be coded with SQI P. 6. Hunter Unmanned Aerial Vehicle Repairer positions will be coded with ASI U2. 7. USA Training and Doctrine Command (TRADOC) MOS 33W positions will be graded per chapter 11 guidance (DA Pam 611-21).	
2	MI SYS MNTR/INTGR TENCAP-TES INTGR/MNTR HUNTER-UAV RPR RPR	33W1O 33W1O4T 33W1OU2	SPC	1	1	1	2	3	3	3	3	3	4		
3	MI SYS MNTR/INTGR TENCAP-TES INTGR/MNTR HUNTER-UAV RPR	33W2O 33W2P 33W2O4T 33W2OU2	SGT			1	1	1	1	1	2	2	2		
4	MI SYS MNTR/INTGR SGT TENCAP-TES INTGR/MNTR HUNTER-UAV RPR	33W3O 33W3O4T 33W3OU2	SSG						1	1	1	1	1		
5	MI SYS MNTR/INTGR	33W2O	SGT			1	1	2	2	3	3	4	4		1. Grades of additional

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
														positions will be in same pattern. 2. AC/RC Support positions will be graded using this table.
6	MI SYS MNTR/INTGR SGT	33W30	SSG	1	1	1	2	2	3	3	3	3	4	
7	SR MI SYS MNTR/INTGR	33W40	SFC		1	1	1	1	1	1	2	2	2	
8	MI SYS MNTR/INTGR	33W10	PFC											1. Following MACOM's-Numbers in (#) indicate total of multiple positions in organizations. 2. USA Intelligence and Security Command (INSCOM)--MI-NSA numbers in (#) are aggregate (lines 1-4 do not apply)--MI-NSA (11).
9	MI SYS MNTR/INTGR	33W10	SPC											1. Following MACOM's-Numbers in (#) indicate total of multiple positions in organizations 2. USA Intelligence and Security Command (INSCOM)--MI-NSA numbers in (#) are aggregate (lines 1-4 do not apply)--MI-NSA (20).
10	MI SYS MNTR/INTGR	33W20	SGT											1. Following MACOM's-Numbers in (#) indicate total of multiple positions in organizations less those graded by lines 1 through 4. 2. USA Element-SHAPE. 3. Joint Activity--NATO Multi Svc-Middlesex. 4. Ballistic Missile Defence-Defense Systems Command--USA Space and Strategic Def-Arlington. 5. USA Intelligence and Security Command (INSCOM)--MI-NSA numbers in (#) are

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
														aggregate (lines 1-4 do not apply). a. MI-NSA (8). b. MI-Camp Humphrey-(1). c. MI-Ft Gordon-(1). 6. TRADOC. a. USAICFH-JNT/INTGR-(1). b. USAICFH-TRANSM Transm Div. DIV (1)-. c. JRTC-UAV (2). 7. USA Strategic DEF- COLODef Colo Spgs. SPGS (1)-.
11	MI SYS MNTR/INTGR SGT	33W3O	SSG											1. Following MACOM's--Numbers in (#) indicate total of multiple positions in organizations less those graded by lines 1 through 10. 2. USA Element--SHAPE. 3. AMC--USA CECOM Rsch-Ft Monmouth (3). 4. Army National Guard--MI-Draper. 5. USA Intelligence and Security Command (INSCOM)--MI-NSA numbers in (#) are aggregate (lines 1-4 do not apply). a. MI-NSA. (5). b. MI-Ft Gordon QC (2)
12	SR MI SYS MNTR/INTGR SR TENCAP-TES INTGR/MNTR SR HUNTER-UAV RPR SGT	33W4O 33W4O4T 33W4OU2	SFC											1. Following--MACOM's--Numbers in (#) indicate total of multiple positions in organizations (less those graded by lines 14 and 15). 2. USA Intelligence and Security Command (INSCOM)--MI-NSA numbers in (#) are aggregate (lines 13 and

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
														14 do not apply). a. MI-NSA- (2). b. MI-Ft Gordon QC. c. MI-Camp Humphrey (2). 3. Department of Defense (DoD)--Def Threat Red-Alexandria. 4. AMC--USA CECOM Rsch-Ft Monmouth. 5. Ballistic Missile Defense Systems Command--USA Space Program-Alexandria (2). 6. TRADOC--MI-Ft Huachuca Production Control(PC).
13	SR CAREER ADVISOR	33W40	SFC											U.S. Army Personnel Command (PERSCOM)--Alexandria.
14	PLATOON SERGEANT	33W40	SFC											Principal NCO in MI Plt Hq. See when MOS 33W is the predominant MOS.
15	CH MI SYS MNTR/INTGR	33W50	MSG											1. Following MACOM's-Numbers in (#) indicate total of multiple positions in organizations (less those graded by line 17). 2. INSCOM--MI-NSA numbers in (#) are aggregate (line 17 do not apply). a. MI-NSA-. b. MI Bad Abbing. eb. MI-Ft Gordon (2). dc. MI-Camp Humphrey. 3. USA Material Command (AMC)--Tobyanna-(USAR). 4. TRADOC--MI-FT Huachuca Shop 2 (SH2).
16	FIRST SERGEANT	33W5M	1SG											Principal NCO of MI Co. Hq See with 75 or more soldiers.
17	SR STAFF NCO	33W50	SGM											1. Following--MACOM's-Numbers in (#) indicate

Line	Duty position	Code	Grade	Number of positions*										Explanatory notes
				1	2	3	4	5	6	7	8	9	10	
														total of multiple positions in organizations.
														2. INSCOM--Ft Belvoir (2).
														3. TRADOC-MI Ft Huachuca Shop 2 (SH2).

Notes:

1. *Blank spaces in this column indicate not applicable.
2. Unless otherwise noted in explanatory notes, single lines provide grading for one position only.
- 3 When TDA organizations are supported with additional and/or dual line TDA positions, augmentation (A) and base paragraph will be graded in the aggregate.
4. When no grading guidance is provided by this table for coding TDA, MACOM Manpower Managers will coordinate with the appropriate Branch Personnel Proponent USAIC&FH (listed in AR 600-3) to support additional manpower grading requirements.